

DYNAMIC CONTENT CACHING FRAMEWORK

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ABSTRACT OF THE DISCLOSURE

5 documents with a filename that is derived from the state information describing the
contents of the document, advantageously allows for the dynamically created
documents to be cached and reused, thereby reducing server computation, and
allowing more users to utilize a particular web site. A file cache management system
manages files that can be provided by a web server computer system to a client
10 computer system. Parameters selected by a user viewing a web page define a
presentation state that describes and is used to produce a subsequent web page. The
presentation state is processed using a one-way hashing function to form a hash value,
or signature, for that presentation state which is then used to identify the file in which
presentation information for the presentation state is stored. When another user
15 chooses the same presentation state, the existing file having presentation information
can be identified quickly, and reused.